## ₩EST Generate Collection

L4: Entry 175 of 176

File: EPAB

Jun 5, 1987

PUB-NO: FR002590980A1

DOCUMENT-IDENTIFIER: FR 2590980 A1

TITLE: Thermocouple for measuring high temperatures in corrosive media

PUBN-DATE: June 5, 1987

INVENTOR - INFORMATION:

NAME

COUNTRY

BAILLEUL, GILLES

ASSIGNEE-INFORMATION:

NAME

COUNTRY

FR

THERMOCOAX CIE

APPL-NO: FR08517852

APPL-DATE: December 3, 1985

PRIORITY-DATA: FR08517852A (December 3, 1985)

US-CL-CURRENT:  $\frac{374}{179}$  INT-CL (IPC): G01K  $\frac{1}{1}$ 10

EUR-CL (EPC): G01K001/10; G01K007/04

## ABSTRACT:

Thermocouple for measuring high temperatures, used in a corrosive medium, formed by a junction between two metal wires of different natures embedded in a refractory inorganic insulator, and covered with a protective metal sheath, characterised in that the metal sheath is formed by one or more layers, such that the layer in contact with the inorganic insulator consists of the same metal as one of the two wires forming the junction and such that the layer in contact with the corrosive medium is chosen from those metals whose coefficient of expansion is compatible with that of the other materials with which it is associated and whose mechanical properties are suitable for resisting both the high temperatures and the envisaged corrosive environment.

Application: measuring temperatures greater than 1,200 DEG C in a corrosive medium.

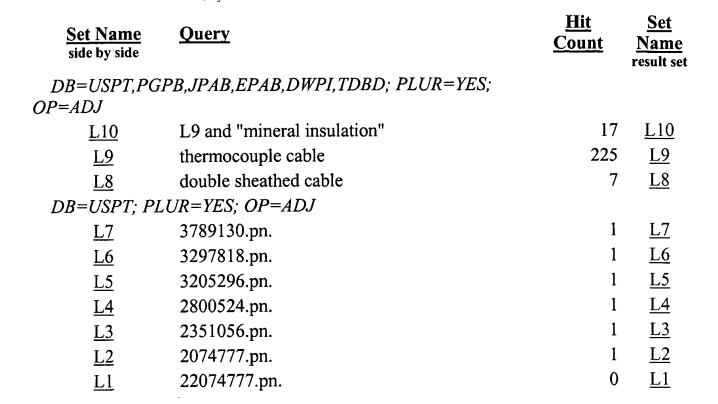
7/7/03 12:15 PM



## Freeform Search

Database:	US Patents Full-Text Database US Pre-Crent Publication Full-Text Database JPO Abstracts Database EPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins
Term:	thermocouple cable .
Display:	Documents in Display Format: - Starting with Number
Generate: O Hit List  Hit Count O Side by Side O Image	
Search Clear Help Logout Interrupt	
Main Menu Show S Numbers Edit S Numbers Freferences Cases	
Search History	

DATE: Monday, July 07, 2003 Printable Copy Create Case



**END OF SEARCH HISTORY**